

PI 522246-continued

donor id: CO 81-13197. **origin:** United States. **cultivar:** BILL Z. **pedigree:** A56-244-39/UI 111//A56-244-8(3526)///Gloria. **other id:** CV-78. **group:** CSR-OTHER LEGUMES. **remarks:** Plant habit semi-vine (Type 3). Maturity 96 days. Seeds 36.4g/100, pinto type. Yield high. Reaction to rust variable at different locations. **disease resistance:** Bean rust (Colorado races) except race 54. Bean common mosaic virus (Type and 15 New York strains). Annual. Cultivar. Seed.

PI 522247. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Vasudeva Rao, M.J., ICRISAT, Patancheru P.O., Andhra Pradesh, India. Received August 16, 1988.

donor id: ICRISAT Sorghum variety 145. **origin:** India. **cultivar:** ICSV 145. **pedigree:** Pure line sel. from IS 18475(555)/IS 18468(168). **other id:** CV-128. **group:** CSR-SORGHUM. **remarks:** Plants 1.8-2.4m tall, anthesis 63-65 days and maturity 105-110 days from germination. Stalk moderately juicy. Panicles semi-compact, well exerted. Glumes creamy white, covering more than half of kernels. Kernels free-threshing, round, medium-sized, light creamy color. Pericarp thin, lustrous. Race durra-caudatum. Yield high under Striga infested conditions. Seed protein 10% with 3.25% lysine. **disease resistance:** White-flowered strain of Striga asiatica in India. Cultivar. Seed.

PI 522248 to 522249. *Zea mays* L. POACEAE Corn

Donated by: Cross, H.Z., Dept. of Agronomy, North Dakota State University, 329 Walster Hall, Fargo, North Dakota, United States. Received August 16, 1988.

PI 522248 **donor id:** NDB(MS)C8. **origin:** United States. **pedigree:** Mass selection from intercross of six inbreds on OP Zapolote Chico. **other id:** GP-193. **group:** CSR-MAIZE. **remarks:** Synthetic, dent-type. Maturity AES 200. Endosperm yellow. Yield high. Lodging resistance good. Potential use in breeding programs for short growing season areas. Breeding Material. Seed.

PI 522249 **donor id:** NDSG(MS)C8. **origin:** United States. **pedigree:** Mass selection from NDSG (derived from OP Minnesota 13). **other id:** GP-194. **group:** CSR-MAIZE. **remarks:** Synthetic, dent-type. Maturity AES 200. Endosperm yellow. Yield high. Lodging resistance good. Potential use in breeding programs for short growing season areas. Breeding Material. Seed.